

# Section 4

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## Photographs

ASF2



### African Swine Fever

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ASF 2—Pig with African swine fever. Reddened skin on the extremities is a non specific lesion associated with a septicemic/viremic condition.

ASF3



### African Swine Fever

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ASF3—Pig with African swine fever. Necrosis of the skin is a frequent lesion in chronic ASF.

HPAI1



### Avian Influenza, Highly Pathogenic

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HPAI 1—Edema of the wattles of a chicken with highly pathogenic avian influenza.

HPAI2



### Avian Influenza, Highly Pathogenic

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HPAI 2—Cyanotic comb of a chicken on the left with highly pathogenic avian influenza compared with a normal chicken on the right.



HPAI3

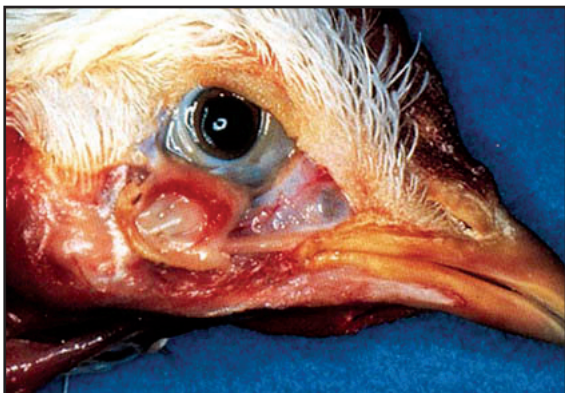


### Avian Influenza, Highly Pathogenic

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HPAI 3—Congestion and petechiae in the skin on the hocks and shanks of a chicken with highly pathogenic avian influenza.

ND1



### Exotic Newcastle Disease

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ND 1—Edema and hemorrhage in the reflected lower eyelid of a chicken with exotic Newcastle disease.

FMD1



### Foot-and-Mouth Disease, Bovine

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FMD 1—Excessive salivation in a cow 24 hours after experimental inoculation with foot-and-mouth disease virus. Note the ring of saliva on the floor.

FMD2

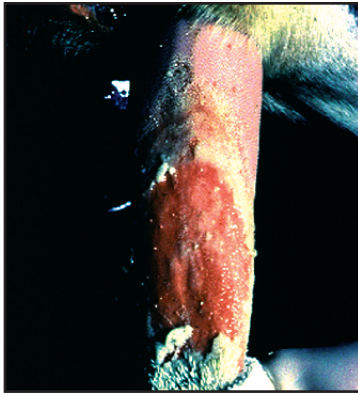


### Foot-and-Mouth Disease, Bovine

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FMD 2—Tongue of the same cow with three small, unruptured vesicles about 36 hours after inoculation.

FMD3

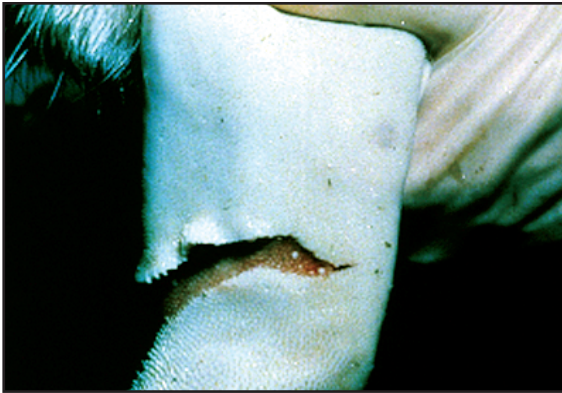


### Foot-and-Mouth Disease, Bovine

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FMD 3—The tongue of the same cow five days after inoculation. Most of the white, blanching epithelium has sloughed off. There are still fragments of white, necrotic epithelium on the surface of the tip of the tongue.

FMD4

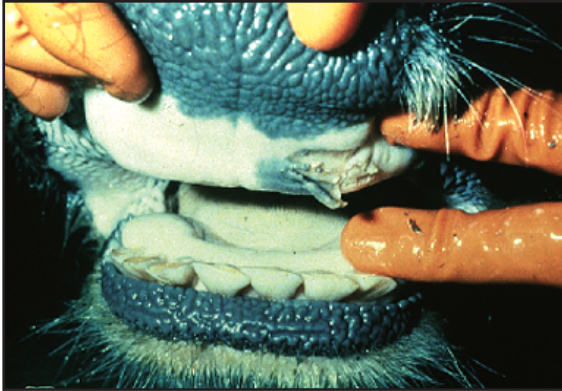


### Foot-and-Mouth Disease, Bovine

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FMD 4—Cow with foot-and-mouth disease. Tongue with a large ruptured vesicle — excellent specimen for diagnosis.

FMD5



### Foot-and-Mouth Disease, Bovine

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FMD 5—Cow with foot-and-mouth disease. Ruptured vesicle in the gingiva of the dental pad. This sign could be confused with a traumatic injury. The tags of epithelium should be collected for a diagnostic specimen. This lesion is similar to bluetongue in cattle.

FMD6



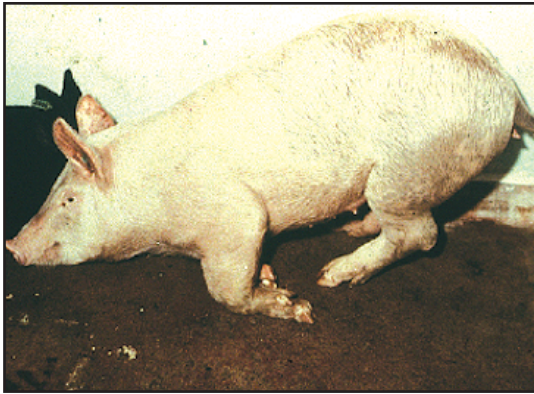
### Foot-and-Mouth Disease, Bovine

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FMD 6—Cow with foot-and-mouth disease. Blanching and vesicles along and above the coronary band of both claws. Note that the vesicles join over the interdigital space.



FMD9

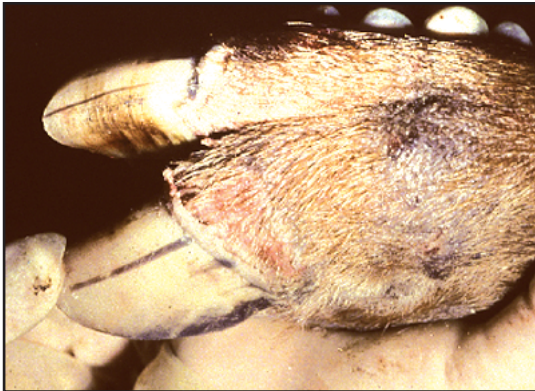


### Foot-and-Mouth Disease, Swine

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FMD 9—In swine the feet are more severely infected from foot-and-mouth disease virus than the nose and tongue. The primary clinical sign in swine is lameness, as shown by walking on the knees.

FMD10



### Foot-and-Mouth Disease, Swine

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FMD 10—Pig with foot-and-mouth disease. The vesicle in the coronary band has ruptured, and the area above the coronary band has eroded.

FMD12



### Foot-and-Mouth Disease, Swine

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FMD 12—Pig with foot-and-mouth disease. The whitish areas on the surface of the tongue are dry FMD lesions. Oral lesions are less frequent in pigs than in cattle, but when they do occur in pigs, the lesions are usually the dry type.

HC1



### Hog Cholera/Classical Swine Fever

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HC 1—Conjunctivitis and exudate in the medial canthus of a pig infected with hog cholera.

RVF1



## Rift Valley Fever

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RVF 1—Fetuses can be aborted at any stage of gestation in cattle with Rift Valley fever.

SVD1



## Swine Vesicular Disease

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SVD 1—Erosions on the tongue of a pig with swine vesicular disease are similar to those resulting from foot-and-mouth disease.

SVD2

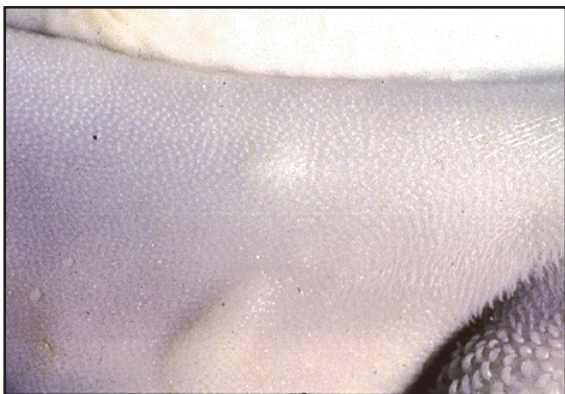


## Swine Vesicular Disease

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SVD 2—Ruptured vesicles on the heel of a pig with swine vesicular disease are indistinguishable from foot-and-mouth disease.

VSBOV2



## Vesicular Stomatitis

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VS bov 2—Vesicles on the tongue of a cow with vesicular stomatitis.



VSBOV3



### Vesicular Stomatitis

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VS bov 3—Vesicles and erosions on the teats of a cow with vesicular stomatitis.

VSEQ5



### Vesicular Stomatitis

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VS eq 5—Erosions and ruptured vesicles on the gingiva of a horse with vesicular stomatitis.

VSEQ7



### Vesicular Stomatitis

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VS eq 7—Erosions and dried exudate on the coronary band of a horse with vesicular stomatitis.

VSPOR8



### Vesicular Stomatitis

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VS por 8—A large vesicle on the snout of a pig with vesicular stomatitis.

## Notes

[illegible]